CLIVAR

The Principal Research Areas

D2: Tropical Atlantic Variability

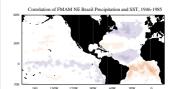


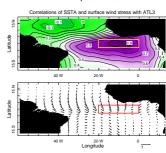


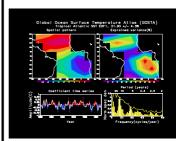
Improving the description and understanding of the patterns of decadal variability originating in the tropical Atlantic.

Introduction

Observations







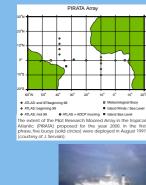
Cross linkages within other CLIVAR PRA's





Programme Objectives

Sustained observations



Focused Research Projects

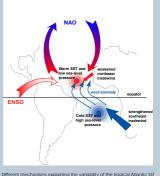
The following are some specific physical processes pertinent to Allantic dipole variability, and which are also important for a number of principal research areas that ought to be addressed by process experiments in connection with the modelling of atmosphere-ocean interactions:

Air-Sea exchanges processes

Data Set Development

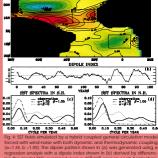
2. initialisation and verification of coupled model predi

The Atlantic "Dipole"



Modelling

Predictability and Prediction



1997, Nature, 385, 516-518).

Empirical Studies

- relative importance of the tropical Atlantic and Pacific SSTs' influence on rainfall variabilities over America and Af-

Impacts and **Teleconnections**

Tropical Atlantic SST and West African Rainfall













